

## ABSTRACT

### Patent of Invention: "AN ELECTRIC MOTOR ASSEMBLY AND A METHOD OF ACTUATING AN ELECTRIC MOTOR"

5           The present invention relates to an electric motor assembly (1) comprising a main electric motor (2) and a coupled electric starter motor (3). The electric starter motor (3) may, for instance, be coupled to the rotation axle (4) of the main electric motor (2). In this way, the electric starter motor (3) will be actuated to accelerate the main motor (2) up to a nominal rotation, after which the main motor (2) will be ready to be actuated, and, since it will already be in motion, the current required for accelerating it up to its nominal power will lie within the ranges permitted by the electricity supply companies. In this way, it is possible to actuate a motor having a power rating of, for example, 50 HP, with low current peaks.

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